PETUKHOV, M.I.

Effect of hypoxia and ACTH on the state of the carbohydrate reserve in the tissues of white rats. Biul. eksp. biol. i med. 49 no.3: 57-60 Mr '60. (MIRA 14:5)

1. Iz kafedry biokhimii (zav. - prof. Yu.M.Gefter) I, Leningradskogo meditsinskogo instituta imeni I.P.Pavlova. Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim.
(CARBOHYDRATE METABOLISM) (ANOXIA) (ACTH)

ALEKSEYEVA, A.A., prof., otv. za vypusk; PETUKHOV, M.I., dots., zam. red.; POKROVSKIY, Ye.A., ass., red.; ALMAZOVA, Ye., tekhn. red.

[New data on the biochemistry of the sexual glands under normal conditions and in some pathological states (radiation lesions and hypoxia)] Novye dannye po biokhimii polovykh zhelez v norme i pri nekotorykh patologicheskikh sostoianiiakh (luchevye povrezhdeniia i gipoksiia). Kalinin, Kalininskoe knizhnoe izd-vo, 1963. 122 p. (MIRA 17:3)

1. Kalinin. Meditsinskiy intitut.

CHETVERIK VA, Ye.K.; [illegible] M.I.

Formation and oxidation of acetone bodies in the [illegible] changes in the glycogen and lactic acid content in a [illegible]
Vop. med. khim. 8 no.4:365-369 Jl-Ag '62.

[illegible]

1. Kafedra biokhimii I Leningradskogo meditsinskogo [illegible] imeni Pavlova.

[illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible], [illegible], USSR

"Synthesis, [illegible]
of [illegible]."

Report presented at the [illegible]. [illegible] Congress, [illegible],
10-1[illegible] Aug [illegible]61.

PRODOLOBOV, N.V.; GERNER, V.F.; DOBRIN, B.Yu.; KIRSANOV, G.P.; PARSHIKOV, M.Ya.; PETUKHOV, M.I.; KRIZHANOVSKIY, V.A.; YAMCHUK, N.I.

Abstracts. Sov.med. 26 no.6:135-137 Je '62. (MIRA 15:11)

1. Iz Tyumenskoy gorodskoy infektsionnoy bol'nitsy (for Prodolobov). 2. Iz sel'skoy uchastkovoy bol'nitsy sovzhoza "Chernaya" Solikamskogo payonnogo otdela zdravookhraneniya (for Gerner). 3. Iz kafedry gospital'noy terapii Luganskogo meditsinskogo instituta (for Dobrin). 4. Iz respublikanskoy klinicheskoy bol'nitsy Mordovskoy ASSR (for Kirsanov, Parshikov). 5. Iz propedevticheskoy khirurgicheskoy kliniki Kuybyshevskogo meditsinskogo instituta (for Petukhov). 6. Iz gospital'noy khirurgicheskoy kliniki i kafedry patologicheskoy anatomii Chelyabinskogo meditsinskogo instituta (for Krizhanovskiy, Yamchuk).

(MEDICINE--ABSTRACTS)

PETUKHOV, M.I., kand.med.nauk

Echinococcosis of the muscles. Sov.med. 24 no.3:137-138 Mr '60.
(MIPA 14:3)

1. Iz propedevticheskoy khirurgicheskoy kliniki (zav. - prof. S.P. Shilovtsev) Kuybyshevskogo meditsinskogo instituta.
(MUSCLES—HYDATIDS)

PETROVOV, V.I., Cand Med Sci -- (diss) "Echinococcosis in man and its treatment. According to data from hospitals of the city ~~and oblast of~~ Kuyby shev," Kuybyshev, 1958, 16 pp (Kuybyshev State Med Inst) 220 copies (KL, 2-59, 123)

- 26 -

PETUKHOV, M.I.

Diagnostic significance of eosinophilia in echinococcosis. Sov.med. 22 no.9:120-123 S '58 (MIRA 11:11)

1. Iz kafedry obshchey khirurgii (zav. - prof. S.P. Shilovtsev) Kuybyshevskogo meditsinskogo instituta (dir. - prof. T.I. Yeroshevskiy).
(ECHINOCOCCOSIS, blood in.
eosinophilic count, diag. significance (Rus))
(EOSINOPHILIES, in various dis.
echinococcosis, diag. significance (Rus))

PETUKHOV, M.I.

Diagnostic value of Casoni's reaction in echinococcosis. Sov.med. 21 no.9:63-67 S '57. (MIRA 11:1)

1. Iz kafedry obshchey khirurgii (zav. - prof. S.P.Shilovtsev) Kuybyshevskogo meditsinskogo instituta (dir. - prof. T.I.Yeroshevskiy)
(ECHINOCOCCOSIS, diag.
Casoni's reaction)

PETUKHOV, M.I.

Spread and treatment of echinococcosis in Kuybyshev Province. Khirurgiia 33 no.11:85-89 N '57. (MIRA 11:2)

1. Iz kafedry boshchey khirurgii (zav. - prof. S.P.Shilovtsev) Kuybyshevskogo meditsinskogo instituta (dir. - prof. T.I.Yeroshevskiy)

(ECHINOCOCCOSIS
epidemiol. & surg. in Russia (Rus))

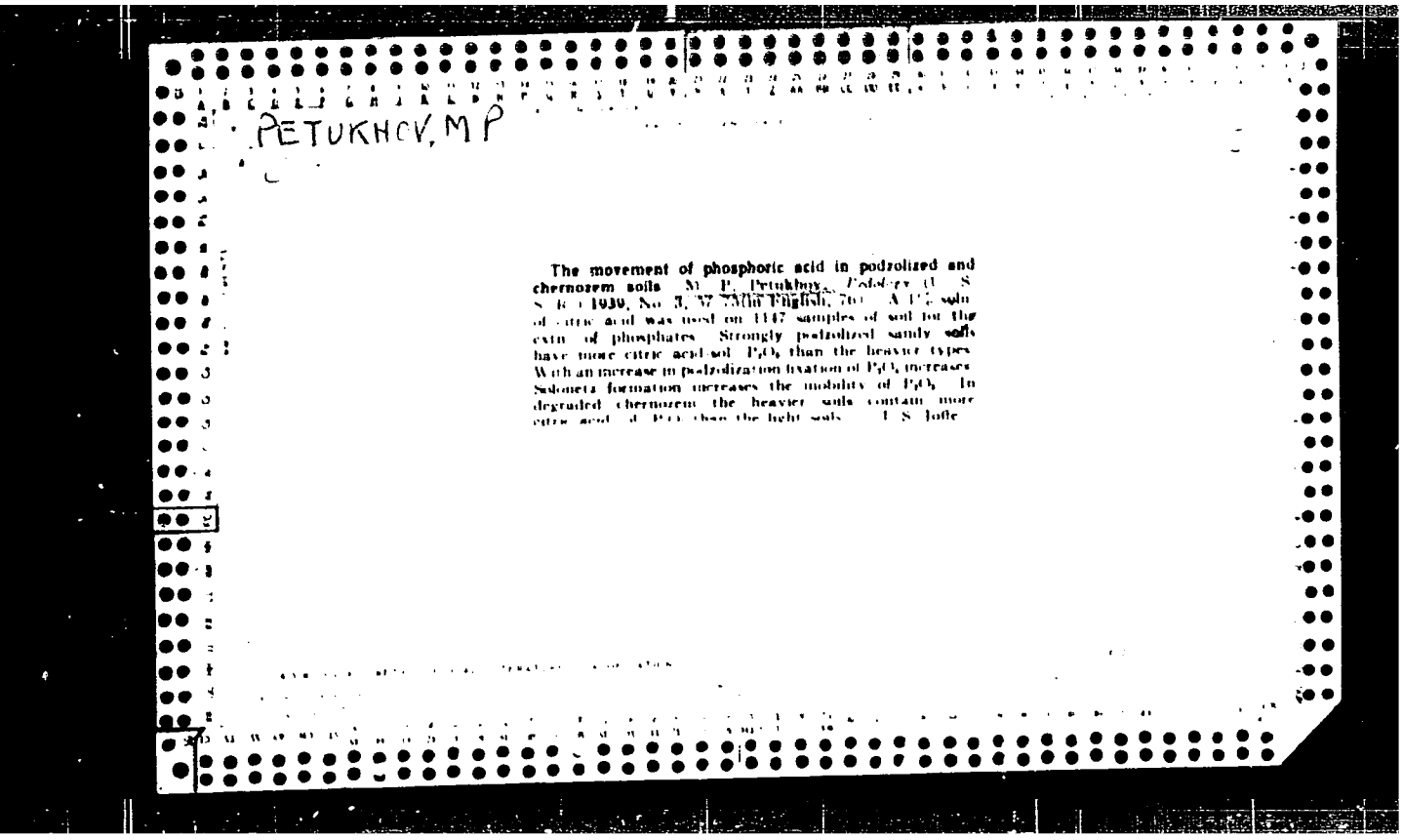
SOLOMATIN, V.M.; YAURE, A. [illegible], [illegible]; KONSTANTINOV, V.P., retsenzent; [illegible], retsenzent; [illegible], G.L., retsenzent; TUPITSA, [illegible], retsenzent; FRIK, A.C., inzh., nauchn. r[illegible]

[Manual for ship en[illegible] [illegible] electricians] Spravochnik elektromekhanika i elektrika sudna. Moskva, Izd-vo "Rechnoy transport," 1963. 713 p. (MIRA 17:2)

PETUKHOV, M.P., prof.

On the threshold of the extensive chemicalization of agriculture.
Zemledelie 27 no.10:48-55 O '65. (MIRA 18:10)

1. Permskiy sel'skokhozyaystvennyy institut imeni Pryanishnikova.



PETUKHOV, M P

The movement of phosphoric acid in podzolized and chernozem soils M. P. Petukhov. *Pochvovedenie* (U. S. S. R.) 1930, No. 3, 37-75(in English, 76). A 1% soln. of citric acid was used on 1147 samples of soil for the extn. of phosphates. Strongly podzolized sandy soils have more citric acid-sol. P_2O_5 than the heavier types. With an increase in podzolization fixation of P_2O_5 increases. Solonetz formation increases the mobility of P_2O_5. In degraded chernozem the heavier soils contain more citric acid-sol. P_2O_5 than the light soils. I. S. Joffe

I 02454-67 EWT(1) RO

ACC NR: AP6003623 (A) SOURCE CODE: UR/0349/65/000/010/0048/0055

AUTHOR: Petukhov, M. P. (Professor) 16 B

ORG: Perm' Agricultural Institute im. D. N. Pryanishnikov (Permskiy sel'skokhozyaystvennyy institut)

TITLE: On the threshold of large scale chemization in agriculture

SOURCE: Zemledeliye, no. 10, 1965, 48-55

TOPIC TAGS: fertilizer, soil type, soil property / Perm' Oblast

ABSTRACT: Perm' Oblast soil types and their requirements for specific types of fertilizer are discussed. Ratios of various types of minerals and fertilizers are described in terms of soil and crop requirements. The development and hybridization of seeds most adaptable in this area is also discussed. Methods of preparing manures and composts and their application to the various crops are also discussed. Orig. art. has: 1 table.

SUB CODE: 02/ SUBM DATE: none

UDC: 630 : 54

Card 1/1 gd

PETUKHOV, MIKHAIL PAVLOVICH

PETUKHOV, Mikhail Pavlovich

PETUKHOV, Mikhail Pavlovich (Molotov Agricultural Inst imeni Pryanishnikov), Academic Degree of Doctor of Agricultural Sciences, based on his defense, 17 December 1954, in the Council of the Soil Inst imeni Dokuchayev of the Acad Sci USSR, of his dissertation entitled: "Fertilization of field crops on soils of the Ural area", and Academic Title of Professor. Chair: "Agricultural Chemistry". For the Academic Degree of Doctor of Sciences and the Academic Title of Professor.

SO: Byulleten' Ministerstva, Vysshego Obrazovaniya SSSR, List No 19, 24 Sept. 1955, Decision of Higher Certification Commission Concerning Academic Degrees and Titles.

PETUKHOV, M.S.; ALEKSEYEV, N.D.; STAPANOV, A.A.

On the road of technological progress. Kozh.-obuv.prom. 5 no.2:4-6 F '63. (MIRA 16:5)

1. Glavnyy inzh. Leningradskoy fabriki "Proletarskiy trud" (for Petukhov). 2. Nachal'nik planovogo otdela Leningradskoy fabriki "Proletarskiy trud" (for Alekseyev). 3. Nachal'nik tekhnicheskogo otdeleniya Leningradskoy fabriki "Proletarskiy trud" (for Stepanov).

(Industrial organization)

KHOROSHAYA, Ye.S.; LYKOVA, A.N.; PLOTNIKOV, I.V.; SAMYSHKINA, M.A.; PETUKHOV, M.S.

New high-speed method of analyzing metazine characteristics. Tekst.prom. 21 no.3:45-46 Mr '61. (MIRA 14:3)
(Melamine) (Textile finishing)

KHOMYAKOV, B.F.; PETUKHOV, M.S.

Designing an electric interlocking system and placing it in operation at the main Yaroslavl station. Avtom. telem. i sviaz' 4 no.9: 32-34 S '60. (MIRA 13:9)

1. Glavnyy inzhener sluzhby signalizatsii i svyazi Severnoy dorogi (for Khomyakov). 2. Starshiy inzhener Yaroslavskoy distantsii signalizatsii i svyazi Severnoy dorogi (for Petukhov).
(Yaroslavl--Railroads--Signaling)

PETUKHOV, M.T.

Role of the interstitial substance of the optic nerve in the pathogenesis of papilledema in brain tumors [illegible], trud. SOGMI no.14:201-208 '63. [illegible]

1. Iz kafedry glaznykh bolezney Stavropol'skogo meditsinskogo instituta (zav. kafedroy - prof. N.M. Pavlov).

PETUKHOV, N., general-leytenant aviatsii

Air shield of the motherland. Komm. Vooruzh. Sil 46 no.8:48-50
Ap '65. (MIRA 18:4)

PETUKHOV, N., general-leytenant aviatsii

Control in operation. Komm. Vooruzh. Sil 3 no.16:32-37 Ag '63.
(MIRA 16:9)

1. Chlen Voyennogo soveta, nachal'nik politicheskogo upravleniya Moskovskogo okruga Protivovozdushnoy oborony.
(Communist party of the Soviet Union)
(Russia--Armed Forces--Political activity)

PETUKHOV, N., general-leytenant aviatsii

Efficient promptness reflects the discipline. Av. i kosm.
no.12:7-13 D '64 (MIRA 18:

PETUKHOV, N.G.; KUZICHEV, V.F.

Using complete filling of drawn stopes in working steep seams of various thicknesses: Practices of the "Khatsepetovskaia-Zapadnaia" Mine with filling of drawn stopes. Ugol' 38 no.12:9-11 '63. (MIRA 17:5)

1. Nachal'nik shakhtoupravleniya "Khatsepetovskoye-Zapadnoye" tresta Ordzhonikidzeugol' (for Petukhov).
2. Khar'kovskiy inzhenerno-ekonomicheskiy institut (for Kuzichev).

KREPKOGORSKIY, L.N., otv. red.; EPSHTEYN, T.D., red.; MUKHUTDINOV, I.Z., red.; STANKEVICH, Ye.F., red.; PETUKHOV, N.I., red.; OVRUTSKIY, G.D., red.

[Transactions of the Conference on Problems in Studying the Water Resources of the Tatar A.S.S.R. and the Hygiene of Water Supply] Trudy Nauchnoi konferentsii po voprosam izucheniia vodnykh resursov TASSR i gigieny vodosnabzheniia. Kazan', Kazanskii in-t usovershenstvovaniia vrachei im. V.I.Lenina, 1964. 106 p. (MIRA 18:5)

1. Nauchnaya konferentsiya po voprosam izucheniya vodnykh resursov TASSR i gigiyeny vodosnabzheniya, Kazan', 1963. 2. Kazanskiy Gosudarstvennyy institut dlya usovershenstvovaniya vrachey im. S.M.Kirova (for Krepkogorskiy). 3. Zaveduyushchiy kafedroy terapevticheskoy stomatologii Kazanskogo meditsinskogo instituta (for Ovrutskiy). 4. Geologicheskiy institut AN SSSR, gorod Kazan' (for Stankevich). 5. Kafedra obshchey gigiyeny Kazanskogo Meditsinskogo instituta (for Petukhov).

PETUKHOV, N. , Priest

Metropolitan, Isidor

His Eminence Metropolitan Isidor. (Sixtieth Anniversary of his death.) Priest N. Petukhov. Zhur. Mosk. Patr. no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1953. Unclassified. 1952.

PETUKHOV, N. E.

USSR/Miscellaneous---machine construction

Card 1/1

Authors : Sobolev, S. I.; and Petukhov, N. E., engineers

Title : Electrical rivet welding

Periodical : Vest. mash. 34/3, 66-69, Mar/1954

Abstract : Electric-arc rivet welding under flux is being used more and more. The technology of rivet welding is expounded and the quality of the seams made in this manner are considered when low-alloy sheet steel 2-4 mm thick is used. In contrast to contact spot welding there is no limit to the dimensions of articles produced in this manner and it is possible to make box-like structures. The method is less costly. There are defects, such as failure of all the metal to fuse, but by proper techniques these can be eliminated. Tables; drawings.

Institution : .....

Submitted : .....

P ETUKHOV, N. E.

Battelle Technical Review
July 1954
Welding and Joining

(2)

10510* Electro-Rivet Welding. (Russian.) S. I. Sobolev and N. E. Petukhov. Vestnik Mashinostroenia, v. 34, no. 3, Mar. 1954, p. 66-68.

Method is simpler, less expensive, and more applicable than contact welding. Diagrams, photograph, table.

PETUKHOV, N. I., Cand of Med Sci -- (diss) "Sanitary-hygiene appraisal of subterranean waters of the city of Zelenodol'sku as a source of the central water system." Kazan', 1957, 17 pp (Kazan' State Medical Institute) (KL, 31-57, 105)

15-57-10-14667

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, p 216 (USSR)

AUTHOR: Petukhov, N. I.

TITLE: Zelenodol'sk Water Supply (K voprosu o vodosnabzhenii g. Zelenodol'ska)

PERIODICAL: Sb. nauchn. rabot Kazansk. gos. med. in-t, 1956, Nr 1, pp 125-130

ABSTRACT: Geological structure and hydrogeological conditions around the city of Zelenodol'sk are briefly described. Basing his recommendations on observation of the chemical and bacteriological composition of the ground waters which constitute the city's water supply, the author states that reservoir wells using waters of the Quaternary deposits should be enlarged. The Kuybyshev hydroelectric station has dammed up the waters of the Volga, a fact which will make it difficult to use them for the city's water supply. Physical, chemical and

Card 1/2

PETUKHOV, N.I., kand.med.nauk

Evaluation of the chemical and bacteriological composition of the underground waters and the sanitary safeguarding of the water supply sources of Chistopol'. Kaz.med.zhur. 40 no.6:84-85 N-D '59.
(MIRA 13:5)

1. Iz kafedry obshchey gigiyeny (zav. - prof. V.V. Miloslavskiy) Kazanskogo meditsinskogo instituta.
(CHISTOPOL'--WATER SUPPLY)

Petukhov, N.I.

J 3917. TESTS OF A COMBINED SCHEME OF ELECTROSTATIC PRECIPITATORS AND CYCLONES FOR COLLECTING FURNACE BLACK. Kol'tsov, V.V., Petukhov, N.I., Skvortsov, Yu. A. and Tsaner, P.A. (Trud. Vsesoyuz. Nauchno-issled. Inst. (Proc. All-Union Petrol. Gas Inst., U.S.S.R.), 1954, (5), 138-148) mashr. in Ref. Zh. Khim. (Ref. J. Chem., Moscow), 1955, (20), 48021). The Soviet SG-14 electrostatic precipitator has proved uneconomical and inefficient for the collection of furnace black. An improved arrangement has been tried in which an electrostatic precipitator forms the black into flocs which are then collected in a cyclone, or two cyclones in series. Gas speed in the active zone of the electrostatic precipitator can be increased from 0.4 to 0.5 m/sec to 2 m/sec with one cyclone and 5 m/sec with two. The arrangement will reduce capital cost, prevent black being carried into the atmosphere, and simplify the operation of electrostatic precipitators.

KEL'TSEV, V.V.;PETUKHOV, N.I.;SHORSTSKIY, Yu.A.;TESNER, P.A.

Study of a combined electric filter and extractor apparatus for recovering furnace carbon black. Trudy VNII no.5:138-148 '54.
(Carbon black) (MLRA 9:1)

PETUKHOV, N.N., kand. tekhn. nauk

Selection of efficient parameters of the flywheels of inertia locomotives and machines. Vest.mashinostr. 45 no.10:19-23 O '65. (MIRA 18:11)

PETUKHOV, N.N.; KOBYLEV, [illegible]

Analysis of the existing and [illegible] new systems [illegible] of transportation in high-speed [illegible] mining. [illegible] shakhtstroia no.3:[illegible] '64.

PETUKHOV, N.N.

Establishing series of rotating flywheels for mine gyrowheel locomotives. Standartizatsiia 26 no.6:22-25 Je '62. (MIRA 15:7)

(Locomotives)

PETUKHOV, N.N.

Establishing a series for mine inertia locomotives. Standartizatsiia 27 no.2:3-8 F '63. (MIRA 16:4)

(Mine railroads—Equipment and supplies)

LIPAKOV, A.N.; MEL'NIKOV, A.A.; STUPIN, G.G.; TKALENKO, A.P.;
SHCHERBAKOV, M.I.; PETUKHOV, N.N., otv. red.;
ABARBARCHUK, F.I., red.izd-va; OVSEYENKO, V.G., tekhn.red.

[Gyroflywheel mine locomotive] Shakhtnye inertsionnye lokomotivy. Moskva, Gosgortekhizdat, 1963. 122 p.
(MIRA 16:5)

(Mine railroads)

PETUKHOV, N.N., inzh.

Analysis of the parameters and design of rotating flywheels of inertial mine locomotives. Vop. rud. transp. no.6:235-245 '62. (MIRA 15:8)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut podzemnogo shakhtnogo stroitel'stva.
(Mine railroads) (Flywheels)

PETUKHOV, N.N., inzh.

Study of the aerodynamic losses for friction of gyroflywheels in inertial mine locomotives. Vop. rud. transp. no.7:223-240 '63. (MIRA 16:9)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut podzemnogo i shakhtnogo stroitel'stva.
(Gyroscopic instruments) (Mine railroads)

SOV/122-59-6-3/27

AUTHORS: Petukhov, N.N. and Khlistun, V.I., Engineers

TITLE: Investigation of the Basic Parameters of the Experimental Prototype of a Flywheel Inertia Driven Locomotive

PERIODICAL: Vestnik mashinostroyeniya, 1959, Nr 6, pp 12-16 (USSR)

ABSTRACT: Information is given about the first Russian-built experimental prototype of a flywheel inertia driven mine locomotive constructed at the Toretskiy zavod ugol'nogo mashinostroyeniya (Toretsky Works for Coalmine Machine-Building). Some measurements taken on the prototype are reported and the reasoning behind the choice of design parameters examined. The locomotive, weighing 6 300 kg, measures 1 400 mm in height, 1 330 mm in width and 3 140 mm in length. Its gauge is 900 mm. It has two flywheels, weighing 1 100 kg each and having a moment of inertia of 12.5 kg/sec^2. The initial speed is 3 000 r.p.m. The flywheels are driven by two pneumatic motors of 30 HP each. The drawbar pull at a friction coefficient of 0.17 is 1 070 kg. The traction speed varies from 8.1 to 2.69 k.p.h., when the flywheel speed drops from 3 000 to 1 000 r.p.m. Allowing this speed drop, the distance

Card1/3

Investigation of the Basic Parameters of the Experimental Prototype of a Flywheel Inertia Driven Locomotive.

traversed with zero drawbar pull is 1.3 km, with 200 kg pull 0.975 km and with 400 kg pull, 0.77 km. At a compressed-air cost of 0.015 roubles per m^3, the cost of power per ton-km is 0.166 roubles for a train weight of 40 tons. With an air pressure of 5 a.p.m., the time for charging the locomotive is 9 min. The measurement of the running-out process of the flywheel has shown a mean resistance torque in the bearings of 0.283 kgm. Figure 2 includes a graph of the losses in the bearings as a percentage of the total losses as a function of initial flywheel r.p.m. At 3 000 r.p.m., the bearing losses amount to about 15%. It is stated that the choice of speed has proved justified. Evacuation of the flywheel casing or filling it with a light-weight gas is recommended. The aerodynamic friction can be reduced by a factor of 3 if a rotating shell is arranged around the flywheel inside a stationary casing. A method is given for computing the flywheel torque absorbed by the traction of the unloaded

Investigation of the Basic Parameters of the Experimental Prototype of a Flywheel Inertia Driven Locomotive

locomotive. The overall efficiency of power transmission from the pneumatic motor to the flywheel is shown to be 20.4%. Several experimental curves and oscillographic records, showing the variation of flywheel r.p.m., the kinetic energy storage and the drawbar pull are given. The computation of the basic relationships of the flywheel locomotive is carried out and its numerical results are embodied in a family of curves (Figure 6) in which the distance traversed and the time are plotted against the flywheel r.p.m. at different drawbar pulls, for one or two flywheels working. It is concluded that the pneumatic motor speed and the transmission ratio were chosen correctly. There are 6 figures.

Card 3/3

KHLISTUN, V.I.; PETUKHOV, N.N.

Research on the basic parameters and areas of use of the TI-1 mine gyroflywheel locomotive. Vop. rud. transp. no.3:326-356 1959. (MIRA 14:4)

1. TGMZ.

(Mine railroads)
(Gyroscopic instruments)

PETUKHOV, N.N., inzh; KRYUCHKOVA, N.P.

Use of a hopper-car train in Italian mine workings. Shakht. stroi. 5 no.5:28-29 My '61. (MIRA 14:6)

(Italy--Mine railroads)

PETUKHOV, N.N., inzh.

Problems of determining the best parameters of the gyroflywheel drive of a mine locomotive. Vop.rud. transp. no.4:344-358 '60. (MIRA 14:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut Podzemshakhtostroy.

(Mine railroads) (Gyroscopes)

PETUKHOV, N.N. inzh.; KHLISTUN, V.I., inzh.

Experimental investigation of parameters of "gyro-trucks."
Vest. mash. 38 no. 8:30-31 Ag '58. (MIRA 11:8)
(Mine railroads--Cars)

SOV/122-58-8-10/29

AUTHORS: Petukhov, N.N. and Khlistun, V.I., Engineers

TITLE: Experimental Investigations of the Design Data of a Gyroscope-driven Truck (Eksperimental'nyye issledovaniya parametrov girovoznoy telezhki)

PERIODICAL: Vestnik mashinostroyeniya, 1958, Nr 8, pp 30-31 (USSR)

ABSTRACT: A gyroscope-driven carriage for factory transport was designed and made at the Novo-Kramatorskiy mashinostroitel'nyy zavod (Novo-Kramatorskiy Engineering Works). A flywheel of 770 mm diameter is directly driven by an electric motor and drives the input shaft of a speed-reducing gearbox through a speed-reducing V-belt transmission. The gearbox drives the wheel axle and contains a reversing gear. The total reduction ratio is 32.3 (30.2 in reverse). The carriage weighs 5 tons, is 4.83 m long, 1.85 m wide and 1.16 m deep. The flywheel weighs 1.28 tons and has a maximum speed of 1 500 rpm. The total energy accumulated in the flywheel is 119000 kgm. Over stages of 350 m ~8% of the flywheel energy is used. The maximum drawbar pull is 900 kg and the maximum speed is 5.7 kph (6.1 kph in reverse). The time for running up

Card1/2

SOV/122-58-8-10/29

Experimental Investigations of the Design Data of a Gyroscope-driven Truck

the flywheel to 1 500 rpm is 1.7 min. Graphs plotted from experiments show the speed variation of the flywheel as a function of time and travel distance, the percentage of useful work as a function of the travelling distance and the maximum distance as a function of the drawbar pull. There are 6 figures.

1. Cargo vehicles--Design 2. Flywheels--Performance 3. Flywheels--Properties

Card 2/2

PETUKHOV, N.M., inzh.

Use of explosion-proof locomotives with gyroscopic drive in coal mines. Izv.vys.ucheb.zav.; gor.zhur. no.3:88-98 '59. (MIRA 13:4)

1. Toretskiy mashinnyy zavod. Rekomendovana kafedroy gornoy elektrotekhniki Sverdlovskogo gornogo instituta.
(Mine railroads) (Gyroscope)
(Coal mines and mining--Safety measures)

PETUKHOV, N.N.

New locomotive for mine building. Shakh. stroi. no.1:18-19 Ja '59. (MIRA 12:1)
(Locomotives--Pneumatic driving)

18(

SOV/127-59-4-11/27

AUTHOR: Petukhov, N.N., Engineer

TITLE: The Results of the Trial of an Explosion-Proof Inertial Locomotive. (Rezul'taty ispytaniy vzryvobezopasnogo inertsionnogo lokomotiva.)

PERIODICAL: Gornyy zhurnal, 1959, Nr 4, pp 54-56 (USSR)

ABSTRACT: The above mentioned locomotive was built for the first time in the USSR in 1957 at the Torets Machine Building Plant. The construction of this gyro-locomotive is based on the utilization of the energy accumulated by the rotating mass of the flywheel, fed from the outside source. The 2 flywheels are put into action by two pneumatic motors, PShB-30, of 22 kilowatt each. Its adhesive weight is 6300 kilograms, its height - 140 cm, width - 133 cm and length - 314 cm. The weight of each of its 2 flywheels is 1100 kilograms. The results of trial performance of the locomotive showed the inexpediency of having two flywheels on a locomotive

Card 1/2

The Results of the Trial of an Explosion-Proof Industrial Locomotive.

designed for pit work. Another model with one flywheel is now being constructed.
There is 1 photograph, 1 diagram and 1 graph.

ASSOCIATION: Toretskiy Mashinostroitel'nyy zavod (Toretsk Machine Building Plant), Druzhkovka, Stalino Oblast'.

PETUKHOV, N.N., gornyy inzh.

Utilization possibilities and some parameters of gyrowheel locomotives. Ugol' Ukr. 5 no.4:17-20 Ap '61. (MIRA 14:4)

1. TSentral'nyy nauchno-issledovatel'skiy institut Podzemshakhtostroy.
(Mine railroads) (Locomotives)

KRAVTSOV, Ye. P. - PETUKHOV, N. N.

Moscow Basin - Coal-mining Machinery

Mechanization of preparatory tunneling work in the Moscow coal basin.
Mekh. trud. rab. 7 no. 2, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

PANASENKO, S.I., inzh.; PETUKHOV, N.N., inzh.

The OKD tubular supoorts. Bezop.truda v prom. 1 no.10:8-9 O '57
(MIRA 10:11)
(Mine timbering)

SUKHOSHCHAVIN, A.M.; PETUKHOV, N.P.; MOSKOVSKIY, N.M.; TRIFONOV, V.F.

Technology and procedure of replacing the traction wheel unit of M60 electric locomotives. Elek. i tepl. tiaga 4 no. 9:41-43 S '60. (MIRA 13:12)

1. Rabotniki naladcheskoy brigady Proyektno-konstruktorskogo byuro Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya.
(Electric locomotives--Maintenance and repair)

AUTHOR: Petukhov, N. [illegible], Engineer [illegible]

TITLE: An Experimental [illegible] Locomotive [illegible] (Opytnyy [illegible] lokomotiv [illegible])

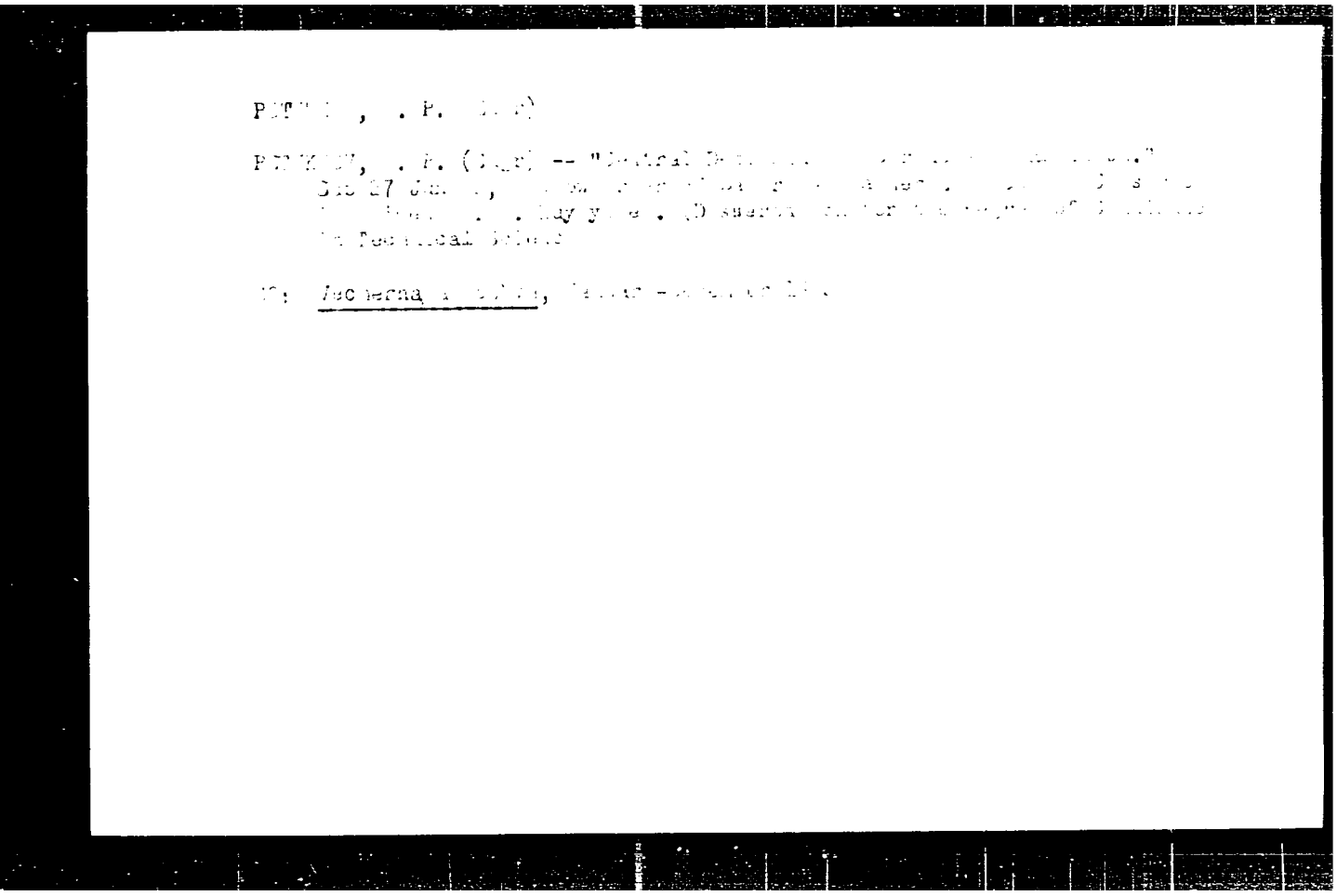
PERIODICAL: Mekhanizatsiya Trudoyemkikh i Tyazhëlykh Rabot [illegible], pp [illegible] (USSR)

ABSTRACT: The first Soviet gyro-type mining locomotive has been designed by a team of the Spetsial'noye konstruktorskoye byuro (Special Designing Department) of the Toretskiy zavod imeni V[illegible] (The Toretsk Plant imeni V[illegible]) for use in mines where there is great danger of gas and dust explosions. The locomotive is equipped with two flywheels which rotate at [illegible] revolutions per minute. The charged locomotive can cover a distance of [illegible] meters with five [illegible]-ton loaded mine cars. There are [illegible] schematic drawings and [illegible] photograph.

AVAILABLE: Library of Congress

Card 1/1

1. Mines-Equipment 2. Locomotives-Design 3. Mines-Safety measures 4. Locomotives-Applications



PETUKHOV, N.V., general-mayor aviatsii

A high level of military discipline is the basis of battle readiness. Vest. protivovozd.obor. no.4:3-7 Ap '61.
(MIRA 14:7)

(Military discipline)

PETUKHOV, N. YE

SOBOLEV, S .I., inzhener; PETUKHOV, N.Ye., inzhener.

Welding with electric plug welds. Vest.mash. 34 no.3:66-69 Mr '54.
(MLRA 7:4)
(Electric welding)

L 28117-66 EWT(1)/T JK

ACC NR: AP6019095 (A,N) SOURCE CODE: UR/0345/66/000/002/0039/0041

AUTHOR: Kolesnik, R. S. (Candidate of medical sciences); Pinigin, A. F. (Candidate of biological sciences); Petukhov, O. S. (Junior scientific associate)

ORG: Irkutsk State Scientific Research Anti-Plague Institute of Siberia and the Far East (Irkutskiy gosudarstvennyy nauchno-issledovatel'skiy protivochumnyy institut Sibiri i Dal'nego Vostoka)

TITLE: Pathological morphology of experimental brucellosis in dogs

SOURCE: Veterinariya, no. 2, 1966, 39-41

TOPIC TAGS: brucellosis, dog, pathology, histology

ABSTRACT: Experimental brucellosis in dogs was studied by means of bacteriological and serological investigations; particular attention was paid to investigation of the pathologico-morphological process. Dogs were infected with Br. abortus or Br. melitensis 487 in various ways and in various doses. The dogs were chloroformed one month after infection and immediately dissected. Dissection showed only a moderate swelling of lymph nodes, primarily the regional nodes. No changes were evident in the spleen, liver or other organs. Histological examination revealed very slight symptoms of the disease regardless of the dose. Four out of six dogs injected subcutaneously with 1 billion microbial bodies developed a generalized infection, and in two the infection was regional. Though the possibility that dogs might transmit the disease is not precluded, the authors conclude that it is highly unlikely. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 ZC

UDC: 619:616.981.42-091:636.7

MURZIN, Ivan Konstantinovich, kand.tekhn.nauk; PANAYEVA, Valeriya Ivanovna; SOMOVA, T.M., inzh., red.vypuska; PETUKHOV, P.Z., doktor tekhn.nauk, red.; SUTORIKHIN, V.N., dotsent, red.; KHRISANOV, M.N., kand.tekhn. nauk, red.; DUGINA, N.A., tekhn.red.

[Repairing machine tools] Osobennosti remonta metallorezhushchikh stankov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 77 p. (Biblioteka slesarya-remontnika, no.7) (MIRA 14:3)

(Machine tools--Maintenance and repair)

SOV/123-59-13-51509

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 13, p 178 (USSR)

AUTHOR: Petukhov, P.N.

TITLE: A New Type of Seismographic Receiver

PERIODICAL: V sb.: Nekotoryye novyye gidromet. i geofiz metody izmereniy i pribory Leningrad, Gidrometeoizdat, 1957, pp 129 - 138

ABSTRACT: Various designs of seismographic receivers (SR) for seismic geological exploration are reviewed; the fundamental characteristics of these designs are compared. SR of the magnetic types SP-12 and SP-18 as well as the electrodynamic SPED-52 and SEDS types of SR do not, because of a number of characteristics, meet the requirements of up-to-date seismographic geophysical exploration. In 1953 the "Geologorazvedka" Plant manufactured a new small-size electrodynamic SR, various types of which have been tested type SP-15 with an oscillation frequency of 5 cycles, SP-16 with 2[illegible] cycles, and SP-[illegible] with [illegible] cycles. The weight of the latter amounts to 0.5 kg, while the diameter of the housing is [illegible] mm. The suspension system of the inertial mass in the new receiver is [illegible] jolting, shocks and temperature variations, easy to manufacture and [illegible]

Card 1/2

A New Type of Seismographic Receiver [illegible]

not require any regulation. The coefficient of electromechanical coupling, in spite of the small dimensions of the device, is higher than that of large-sized GP. The adjustment to profile of the device takes only a little time, which makes it possible to use it for surveys by the group method and in regions of difficult access. [illegible] graphs of the device and its units are given.

V.M.V.

Card 2/2

PETUKHOV, I., Col

Coauthor with Lt Col G. Kalinin* of article, "Selecting and Training Propaganda Personnel." The authors stated that the role of propagandists in the Army and Navy is very important for mobilizing the personnel of military units to fulfill their mission, but it is especially important at present when an absolute majority of the officers of the Armed Forces are studying Marx and Lenin on their own; propagandists are now called more often to give talks, lectures, and consultations. The authors centered their discussion on practices in an unnamed military district, where in one large unit, 75 percent of the officers chosen as propagandists have had higher education. The authors discussed the manner and means of the district's political administration in training its propagandist cadres and identified the following persons as participants in a series of lectures for propagandists: Candidate of Philosophical Sciences Podgrushnyy, Docent Pokrytan, Professor Kostyrev, Doctor of Physiomathematical Sciences, and Professor Savchenko, Doctor of Physiomathematical Sciences. The authors also identified Lt Col Likhovoy* as the lecturer of the political administration, and Lt Col M l'nikov as a propagandist of the political section of a large unit. (KZ, 19 Jan 55)

SO: Krasnaya Zvezda, Sum #450, 11 Apr 55

PETUKHOV, P.

Fedor Klochikhin and his comrades. Volog. krai no.2:286-293 '60. (MIRA 14:11)

(Klochikhin, Fedor)
(Tot'ma--Communist Youth League)

PHASE I BOOK EXPLOITATION 882

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Sverdlovskoye otdeleniye

Povysheniye kachestva i ekonomichnosti mashin (Increasing the Quality and Efficiency of Machinery) Moscow, Mashgiz, 1957. 626 p. 5,000 copies printed.

Additional Sponsoring Agency: Ural'skiy dom tekhniki.

Eds.: Pal'mov, Ye. V., Doctor of Technical Sciences, Sokolovskiy, V. I., Candidate of Technical Sciences; Reviewers: Bogachev, I. N., Doctor of Technical Sciences, Gorshkov, A. A., Doctor of Technical Sciences, Zhukov, P. A., Candidate of Economic Sciences; Tech. Ed.: Sarafannikova, G. A.; Managing Ed. (Ural-Siberian Division of Mashgiz): Sustavov, M. I., Engineer.

PURPOSE: The book is intended for engineering and technical personnel.

COVERAGE: The book generalizes and synthesizes experience accumulated by the Ural plants and to some extent that of the Siberian plants in improving the technical and economic features of manufactured machines and in improving their quality. Data are also presented on attempts to lower the cost and to increase the quality of machines during the designing and production stages. The author

Card 1/15

describes the shortening of the production cycle, reducing weight and dimensions along with improvement of operational qualities, increase in durability, and finally improvements in the external appearance of machines. There are 98 references of which 95 are Soviet, 2 German, and 1 English.

TABLE OF CONTENTS:

Card 14/15

AVAILABLE: Library of Congress

Card 15/15

JG/flc
12-15-58

VIL'YAMS, D.A.; DOLMATOVSKIY, Yu.A., inzhener, retsenzent; PETUKHOV, P.D. inzhener, retsenzent; VOINOV, A.V., redaktor; POPOVA, S.N., tekhnicheskiy redaktor; MODEL', B.I., tekhnicheskiy redaktor.

[Constructing curvilinear surfaces; a collection of drawings] Postroenie krivolineinykh poverkhnostei; al'bom chertezhei. (K al'bomu chertezhei prilagaetsia tekstovaia chast' otdel'noi knigoi] Moskva Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry, 1951. 95 p.(Chiefly illus.) (MLRA 8:11)
(Automobiles--Design and construction)

GOGULIN, Vasiliy Fedorovich; PETUKHOV, P.I., red.

[Party control and audit of a plan carried out by an industrial enterprise; from work practice of the Cherepovets Metallurgical Plant-Party Organization and the Cherepovets CPSU City Committee] Partiinyi kontrol' i proverka ispolneniia na predpriiatii; iz opyta raboty partorganizatsii Cherepovetskogo metallurgicheskogo zavoda i Cherepovetskogo gorkoma KPSS. Vologda, Obl.knizhnaia red., 1957. 102 p. (MIRA 13:4)
(Cherepovets--Metallurgical plants)
(Cherepovets--Communist Party of the Soviet Union--Party work)

SEDYKH, Yu.V., otv. red.; PETUKHOV, P.I., red.; REZNIKOV, F.I., prof., red.; STARTSEV, A.V., red.; SHESHIN, S.S., kand. sel'khoz.nauk, red.; SOKOLOVA, S.I., tekhn. red.

[Costs, business accounting and profitableness on collective farms] Sebestoimost', khozraschet i rentabel'nost' v kolkhozakh. Vologda, Vologodskoe knizhnoe izd-vo, 1962. 102 p. (MIRA 16:12)

1. Zaveduyushchiy sel'skokhozyaystvennym otdelom oblastnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza, Cherepovetskoye proizvodstvennoye upravleniye (for Sedykh).
(Collective farms--Finance)

PETUKHOV, P.I.

MALKOV, Vladimir Mikhaylovich; PETUKHOV, P.I., redaktor; SHATSKIY, L.I. tekhnicheskiy redaktor; VESELOVSKAYA, A.A., tekhnicheskiy redaktor

[Through our native district; a historical and geographical sketch of Vologda Province] Po rodnomu kraiu; istoriko-geograficheskii ocherk o Vologodskoi oblasti. Vologda, Obl. knichnaia red., 1956. 422 p. (MLRA 10:5)
(Volodga Province)

SOV/123-59-13-51509

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 13, p 178 (USSR)

AUTHOR: Petukhov, P.N.

TITLE: A New Type of Seismographic Receiver

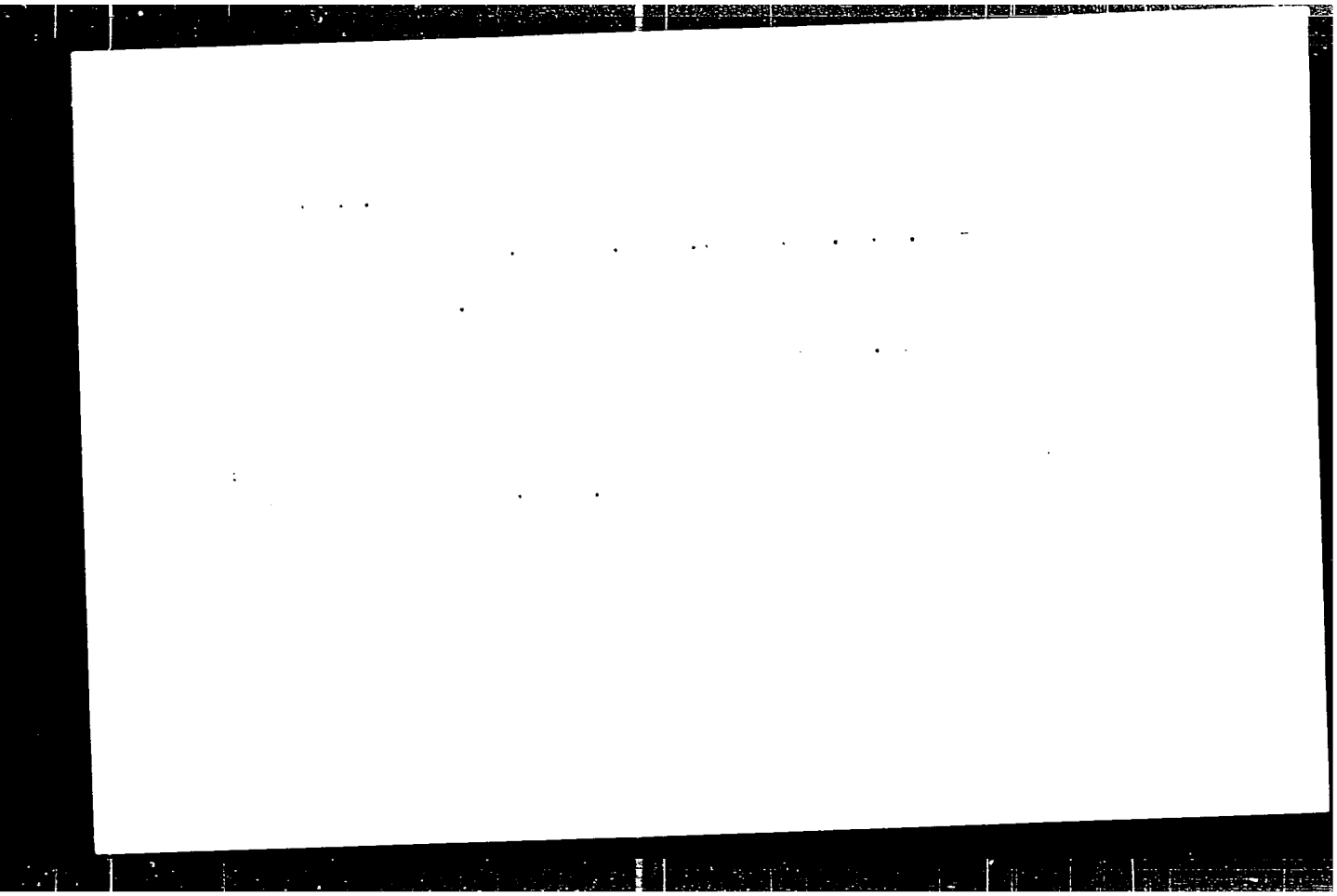
PERIODICAL: V sb.: Nekotoryye novyye gidromet. i geofiz. metody izmereniy i pribory. Leningrad, Gidrometeoizdat, 1957, pp 129 - 138

ABSTRACT: Various designs of seismographic receivers (SR) for seismic geological exploration are reviewed; the fundamental characteristics of these designs are compared. SR of the magnetic types SP-12 and SP-48 as well as the electrodynamic SPED-52 and SEDS types of SR do nor, because of a number of characteristics, meet the requirements of up-to-date seismographic geophysical exploration. In 1953 the "Geologorazvedka" Plant manufactured a new small-size electrodynamic SR, various types of which have been tested: type SP-15 with an oscillation frequency of 10 cycles. SP-16 with 29 cycles, and SP-16a with 37 cycles. The weight of the device amounts to 0.5 kg, while the diameter of the housing is 45 mm. The suspension system of the inertial mass in the new receiver is resistant to jolting, shocks and temperature variations, easy to manufacture and does

Card 1/2

PETUKHOV, P.N.

A new type of seismic wave recorder. [Trudy] LO BTO Priborprom. Sekt. gidromet. i geofiz. prib. no.1:129-138 '57. (MIRA 11:6)
(Seismometers)



APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001240710005-1"

PETUKHOV, P.Z.

BERENOV, D.I.; PETUKHOV, P.Z., doktor tekhnicheskikh nauk, retsenzent; ZHEZHKO, V.S., inzhener, retsenzent; PISKUNOV, A.I., inzhener, redaktor.

[Calculating the endurance of machines; method of calculating length of service] Raschet mashin na prochnost'; metod rascheta na dolgovechnost'. Sverdlovsk, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry [Uralo-Sibirskoe otd-nie] 1953. 108 p. (MLRA 7:6)
(Metals--Testing) (Machinery--Design)

PETUKHOV, P.Z., doktor tekhnicheskikh nauk.

Motion of cranes and crane trolleys during braking. Sbor.st.Ural. politekh.inst. no.47:28-48 '53. (MLRA 8:1)
(Cranes, derricks, etc.--Brakes)

PETUKHOV, P.Z., doktor tekhnicheskikh nauk.

New photoelectric crane stopping device. Sbor.st.Ural.politekh. inst. no.47:102-107 '53. (MLRA 8:1)
(Cranes, derricks, etc.--Brakes) (Photoelectric cells)

PETUKHOV, P.Z., professor, doktor tekhnicheskikh nauk.

Hydraulic shock absorber for charging machines. Vest.mash. 33 no.11:31-33 N '53. (MLRA 6:12)
(Shock absorbers)

PETUKHOV, P.Z., doktor tekhnicheskikh nauk, redaktor; MIKHAYLOV, G.P., doktor tekhnicheskikh nauk, redaktor; SOKOLOV, K.N., kandidat tekhnicheskikh nauk, redaktor; SHUKAYEV, B.K., kandidat tekhnicheskikh nauk, redaktor; GANAGO, O.A., kandidat tekhnicheskikh nauk, redaktor; KAZAK, S.A., kandidat tekhnicheskikh nauk, redaktor; BORETSKIY, A.A., dotsent, kandidat tekhnicheskikh nauk, redaktor; STUDNITSYN, B.P., vedushchiy redaktor; DUGINA, N.A., tekhnicheskiy redaktor.

[Examples of automatization and mechanization of production] Primery avtomatizatsii i mekhanizatsii proizvodstva. Moskva, Ges.nauchno-tekhn.izd-vo mashino-stroit.lit-ry, 1955. 285 p. (Iz opyta Ural'skikh i Sibirskikh zavodov, no.1). (MLRA 9:6) (Automation) (Machinery industry)

PETUKHOV, P.Z., professor.

A spring and hydraulic support for blooming-mill ingot cars.
Vest.mash.35 no.11:17-20 N '55. (MLRA 9:2)
(Rolling mills)

PETUKHOV, P.Z., doktor tekhnicheskikh nauk, redaktor; KAZANTSEV, A.V., redaktor; STEPANOV, V.G., kandidat tekhnicheskikh nauk, retsenzent; DUGINA, N.A., tekhnicheskiy redaktor

[Using tensiometry in machinery industry; experience in studying the operation of machinery] Primenenie tenzometrii v mashinostroenii; iz opyta issledovaniia raboty mashin na ural'skikh zavodakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 235 p. (MLRA 10:4)
(Strain gauges) (Machinery--Testing)

PETUKHOV, P.Z.

124-58-9 10569

Translation from: Referativnyy zhurnal Mekhanika, 1958, Nr 9, p 160 (USSR)

AUTHOR: Petukhov, P Z

TITLE: Strain-gage Investigations of Machines (Opyt tenzometricheskikh issledovaniy mashin)

PERIODICAL: V sb : Vopr teorii rascheta pod'yemno transp mashin Moscow-Leningrad, Mashgiz, 1957, pp 22-30

ABSTRACT: Bibliographic entry

1. Machines--Test methods 2. Strain gages--Application

Card 1/1

122-5-32/35

AUTHOR: Petukhov, P.Z. (Dr. of Technical Sciences, Professor)

TITLE: An International Conference on the Mechanisation of Open Cast Mining and Building Construction Work. (Mezhdunarodnoye soveshchaniye po mekhanizatsii otkrytykh gornykh i stroitel'nykh rabot)

PERIODICAL: Vestnik Mashinostroyeniya, 1957, Nr 5, pp.80-81 (USSR)

ABSTRACT: Leading authorities of the Soviet Union, Eastern Germany and Czechoslovakia conferred in December 1956 in Prague on earth-moving and similar equipment. The conference reported on recent developments in available plant. In the Soviet Union caterpillar track-mounted mechanical shovels with a bucket capacity of 35 m^3 and a 65 m radius of action, dragline excavators with a bucket capacity of 25 m^3 and an outrigger length of 100 m, dump-cars of up to 120 tons load, tractors of up to 450 hp, with earth-moving trailers and scrapers of up to 35 m^3 capacity, tipping lorries of up to 45 ton capacity are under development. In Czechoslovakia powerful excavators of various types and in Eastern Germany multi-shovel excavators and earth moving bridge cranes of up to 72 000 m^3 daily capacity are available. Reductions in the manufacturing cost of new equipment were reported.

Card 1/3

122-5-32/35

An International Conference on the Mechanisation of Open Cast Mining and Building Construction Work.

Better utilisation has been achieved. In the Soviet Union the mean annual output per cubic metre of bucket capacity in open-cast coal-mine workings has been increased up to 324 000 m^3. In Czechoslovakia multi-shovel excavators are utilised 5000 hours and in Germany 5500 hours per annum. Under Czechoslovak and Russian conditions, continuous excavators (multi-shovel or rotary) with bucket capacities up to 2 m^3 are advisable. Some research work was mentioned concerned with the soil cutting process by excavator buckets. Shortcomings noted concern the organisation of utilisation and maintenance, lack of knowledge of the working processes, inadequate safety engineering and very bad working conditions. In the design of equipment, a unified method of economic evaluation is lacking and design requirements are haphazard, including structural safety factors. Portable equipment is lacking and the supply of some auxiliary materials and components such as long-life wire ropes are lagging behind. Among the resolutions of the Conference various aspects of standardisation of design requirements and factors, human engineering standards and operational type charts are prominent.

Card 2/3

122-5-32/35

An International Conference on the Mechanisation of Open Cast Mining and Building Construction Work.

AVAILABLE: Library of Congress.

Card 3/3